



Hands Free Black & White Video Intercom System

COMPLETE SYSTEM



Instruction Manual



Model #
VISS3000
www.svat.com

PRODUCT WARRANTY & REGISTRATION

Please visit our website at www.svat.com to apply for your products warranty registration.

The warranty registration for is located under the support tab on the SVAT website.

We take quality very seriously. This is why all of our products come with a one year warranty from the original purchase date against defects in workmanship and materials.

If you have warranty or support issues please contact us using any of the following methods:

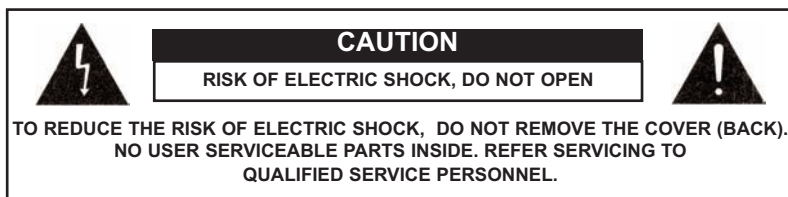
SVAT Electronics USA
2315 Whirlpool St., Unit 333
Niagara Falls, New York
USA 14305

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4080 Montrose Road
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Canada L2H 1J9

Phone: 866.946.7828
Fax: 888.771.1701
Email: support@svat.com
Website: www.svat.com

Warranty Terms

1. SVAT products are guaranteed for a period of one year from the date of purchase against defects in workmanship and materials. This warranty is limited to the repair, replacement or refund of the purchase price at SVAT's option.
2. When service is required, the warranty is validated by the submission of a fully completed warranty card.
3. This warranty becomes void if the product shows evidence of having been misused, mishandled or tampered with contrary to the applicable instruction manual.
4. Routine cleaning, normal cosmetic and mechanical wear and tear are not covered under the terms of this warranty.
5. The warranty expressly provided for herein is the sole warranty provided in connection with the product itself and no other warranty, expressed or implied is provided. SVAT assumes no responsibilities for any other claims not specifically mentioned in this warranty.
6. This warranty does not cover the shipping cost, insurance or any other incidental charges.
7. You MUST call SVAT before sending any product back for repair. You will be given a Return Authorization number. When returning the product for warranty service, please pack it carefully in the original box with all supplied accessories, and enclose your original receipt or copy, and a brief explanation of the problem (include RA #).
8. This warranty is valid only in Canada and the U.S.A.
9. This warranty card cannot be re-issued.



Graphic Symbol Explanation:



The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.



The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating maintenance (servicing) instructions in the literature accompanying the appliance.

WARNING: TO PREVENT FIRE OR SHOCK HAZARDS, DO NOT EXPOSE THIS UNIT TO RAIN OR MOISTURE

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WHAT IS INCLUDED



1 Monitor



1 Outdoor
Station Camera



60" Extension
Wire

- 2 Window Warning Stickers
- Mounting Hardware
- 1 Year Warranty
- Instruction Manual
- Online/Toll Free Tech Support



RCA (female)
Output Wire



Doorstrike
Connection Wire



1 Adapter

WHAT IS COMPATIBLE

The VISS3000 is compatible with TVs, VCRs, DVRs, computers and other SVAT systems including:



VISS3000M



VISS3000C

NAMES OF EACH PART AND FUNCTIONS

OUTDOOR STATION

Camera

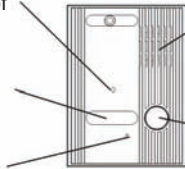
Picks up the image of the visitor clearly.

Infrared LEDs

Lets you see clearly even at night.

Microphone

Picks up the voice of the visitor.

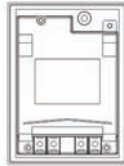


Speaker

Broadcasts the voice of the host.

Call Button

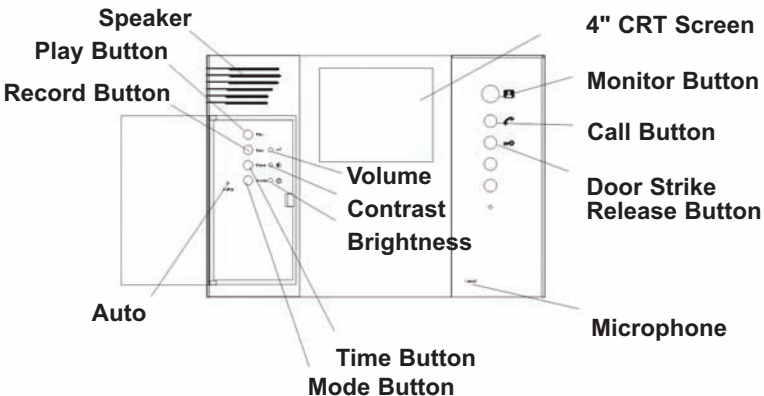
Chime 'Ding Dong' sound can be heard from indoor monitor when the button is pressed, the camera works simultaneously.

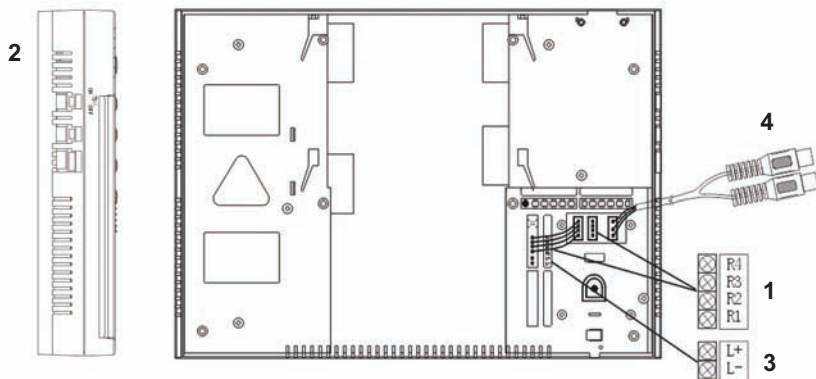


Terminal Functions

R1 - Video
R2 - GND
R3 - Audio
R4 - VCC

INDOOR MONITOR





1. Four terminals: R4, R3, R2, R1 of indoor monitor connect separately to terminals R4, R3, R2, R1 of outdoor station.
2. Image impedance matching switch of 75Ω.
3. Two terminals: L+, L- connect to E-lock+ and E-lock- separately.
4. The yellow terminal is for video, and the red terminal is for audio.

OPERATION INSTRUCTIONS

How to operate when the intercom rings:

1. Chime 'ding dong' can be heard when visitor presses Call button on the outdoor station.
2. Press 'Monitor' button to communicate with visitor
3. If your door is equipped with a door strike, pressing the 'Unlock' button will release the door.

How to operate the monitor without any visitors:

1. Press the 'monitor' button, a picture from the camera appears.
2. Press the 'monitor' button again to switch off monitor, or monitor will auto switch off after 30 seconds.

How to adjust and display time and date:

1. With the monitor turned on, time and date will be displayed at the bottom of screen as Year/Month/Date/Hour/Minute.
2. Press the 'Time' button, a minute number will twinkle, then press 'Play' button to adjust minutes; press 'Time' again, Hour number will twinkle, press 'Play' to adjust hour; and so on and so forth, to adjust year, month .etc.
3. Press 'Time' button once more to finish and save the setting.

Automatic image capture:

1. Press the 'mode' button to turn auto-recording on. (LED should illuminate) Press again to turn this feature off.
2. After a visitor presses the 'call' button, the monitor will take a snap shot from the camera and save it into memory. At the top of the screen, words 'PXX' displayed, 'XX' means the number of picture.(Example: the number of first picture is P01)
3. The current time and date will also be embedded into the picture.
4. The max capacity of storage memory is 32 pictures. P01 picture will be auto replaced by P32 picture.

Viewing saved imaged:

1. Press the 'Monitor' button, the screen start to work, pressing the 'Play' button will display the last saved picture. Press 'Play' button one more time, to view the next picture.
2. Holding the 'Play' button for more then 3 seconds will turn the monitor into a "browse" mode which will scan through all images in 0.5 second intervals.
3. CAUTION: Unplugging the monitor from the wall outlet (main power source) will cause the saved images to be deleted.

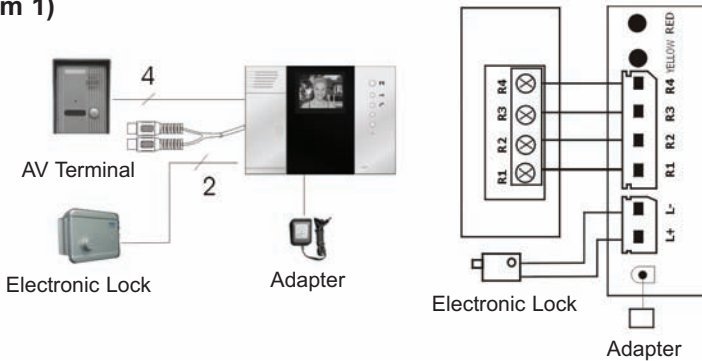
Manual recording function:

1. When the monitor is turned on, press the 'Record' button to capture the current image from camera.

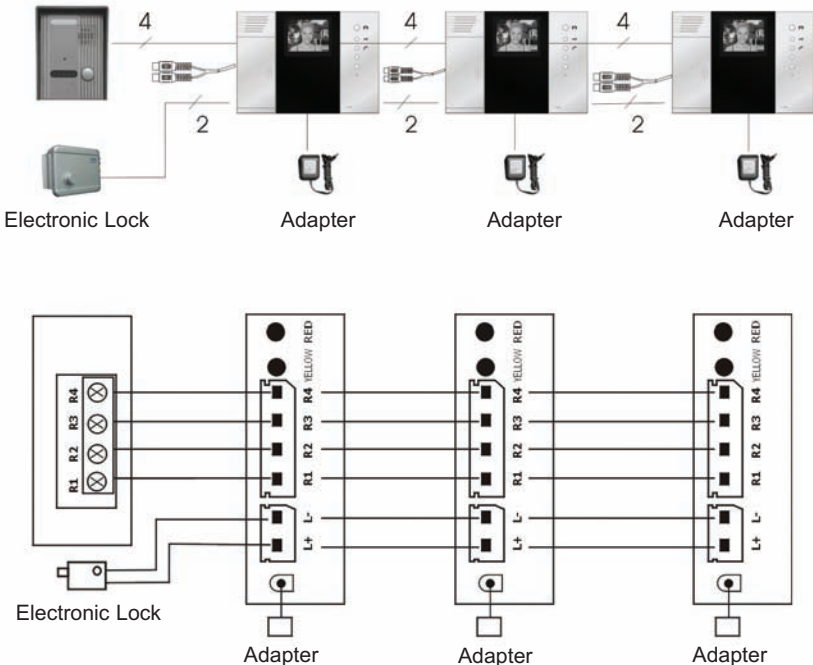
WIRING

1. For single monitor wiring please see diagram #1, and #2 for connecting multiple monitoring stations.
2. For clearer picture, please use 75Ohm coaxial cable for connecting terminal R1(VIDEO) and R2(GND) between outdoor station and indoor monitor.
3. This system will be operational without the electric door strike installed.
4. If only one indoor monitor used with outdoor station, set on the image impedance matching switch to 75Ω , if more than one indoor monitor is used, only set on the last indoor monitor to 75Ω , turn all others OFF.

(Diagram 1)



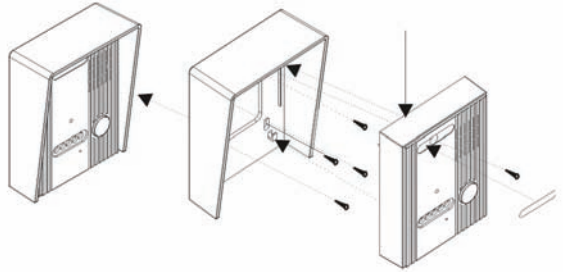
(Diagram 2)



INSTALLATION INSTRUCTIONS

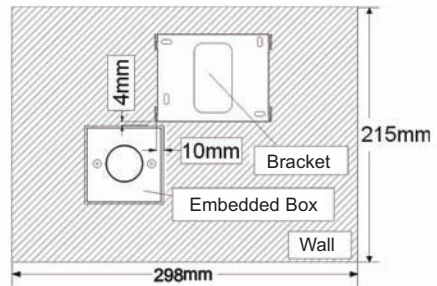
Outdoor Station (camera)

1. Fasten the rain sunshade cover on the wall
2. Connect the wires according to the wiring diagram (1) or (2) to the terminals on the back of the outdoor station.
3. Fasten outdoor station to the rain cover with the provided screw.
4. Place the nameplate over the mounting/screw hole.

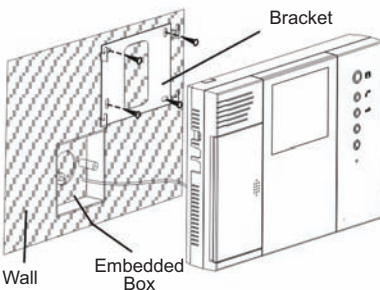


Indoor Monitor

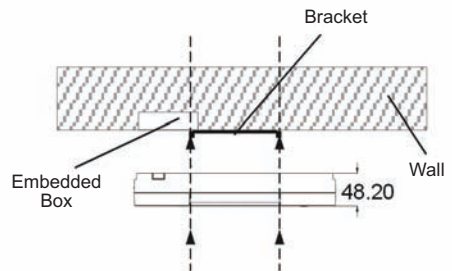
1. Embed the 86*86mm box into the wall.
2. Secure the bracket on the wall with the supplied screws, referring to the dimension in the rear view.
3. Connect the transfer wire with the terminal of the indoor monitor through the 86*86mm box.
4. Match the two grooves of the indoor monitor's upper center with the two sides of the bracket, then press the indoor monitor into the bracket and move it downward to finish the installation.



Rear View



Side View

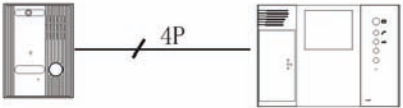

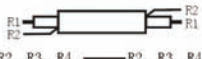
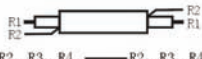
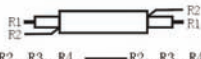


Bird View

TROUBLESHOOTING

Problem	Solution
No picture	<ol style="list-style-type: none"> 1. Check the power plug. 2. Check the contrast if over adjusted. 3. Check the terminals if wiring is wrong.
No audio	<ol style="list-style-type: none"> 1. Pull out the power plug and insert again. 2. Check the terminals if wiring is wrong.
Picture will not disappear	<ol style="list-style-type: none"> 1. Pull out the power plug and insert again.
Snowy picture	<ol style="list-style-type: none"> 1. Check for interference (Ex: High voltage wires, magnetic equipment etc.)

CABLE SPECIFICATIONS

			
1 ~ 25 Meters	25 ~ 50 Meters	50 ~ 100 Meters	100 ~ 300 Meters
 $4 \times 0.5\text{mm}^2$	Cable Coaxial 75Ω  $3 \times 0.5\text{mm}^2$	Cable Coaxial 75Ω  $3 \times 1.0\text{mm}^2$	Cable Coaxial 75Ω  $3 \times 1.5\text{mm}^2$

SPECIFICATIONS

SYSTEM

Number of Wires	4-Wire
Max. Number of Doorstations	4(With extra doorstation selector)
Max. Number of Monitors	3
Communication	Full Duplex, Hands Free
Image Memory	32 Pictures
Door Chime	Ding Dong Sound
Door Strike	DC 12V for 10 Seconds
Maximum Wiring Distance.....	90ft w/ 0.5mm Cable, 160ft w/ 0.65mm Cable

OUTDOOR STATION

Image Sensor	1/4" CMOS B/W
Resolution	380 TV Lines
Viewing Angle	52 Degrees at Level; 39 Degrees at Vertically Tilted
IP Rating	IP68
Night Vision	Yes
IR LEDs and Range	5, up to 5ft
IR LED Control	Automatic, CDS Sensor
Min. Illumination	0 lux
TV System.....	NTSC
Microphone	Yes, Built-in
Adjustable Camera Tilt	No
Auto Power Off	No
Sun Shield.....	Yes
Mounting Type.....	Surface Mount
Security Anti-Tamper/Video Loss Alert	No
Security Warning Siren	No
Housing Material	Alloy Die-Casting
Housing Color	Gun Metal Grey
Operating Temperature	14°F ~ 122°F
Operating Humidity	95%
Power Input	Powered by Monitor, DC12V

Dimensions4.5" x 3.9" x 1.4"
 Weight2.1lbs

INDOOR MONITOR

Screen Size4"
 Screen TypeCRT
 Resolution380 TV Lines
 Speaker0.25W
 Input TerminalJumper Connection
 A/V Out TerminalYes, Composite
 Video On/Off Button?Yes
 Adjustable ContrastYes
 Adjustable BrightnessYes
 Adjustable ColorNo
 Adjustable V-HoldBuilt-in Monitor
 Adjustable Volume.....Yes, for Door Chime
 Power InputDC 15V
 Power Adapter InputAC 120V
 Dimensions11.6" x 8.27" x 1.85"
 Weight4.08lbs

SVAT SUPPORTS CRIME STOPPERS

Crime Stoppers programs are operated as non-profit charities and are managed by a volunteer board of directors who raise funds and pay rewards to individuals who anonymously call with information that helps solve crime.

Rewards are paid for tips that lead to the arrest and indictment of people charged with felony offenses, and to date Crime Stoppers statistics show a conviction rate of approximately 95%.

To receive more information about Crime Stoppers or to make a charitable donation please fill in the fields on the back of this page, cut on the dotted line and mail in.



CRIME STOPPERS INTERNATIONAL

P.O. Box 614
Arlington, Texas
U.S.A 76004-0614

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CRIME STOPPERS INTERNATIONAL

Crime Stoppers International is an organization of community based civilian Crime Stoppers programs, which assist police in solving crime. You can find more information about Crime Stoppers at www.c-s-i.org

Local Crime Stoppers programs are partnerships between the public, media and local policing organizations. Each program is run by a citizen board, whose purpose is to advertise a local telephone number, which anonymous persons can call with information regarding a crime. Callers (tipsters) may be eligible for a cash reward for their information.

If your community does not have a Crime Stoppers program and would like information about starting one, return this card with the following information.

NAME: _____ PHONE: _____

ADDRESS: _____ CITY: _____

PROV/STATE: _____ COUNTRY: _____ POSTAL/ZIP CODE: _____

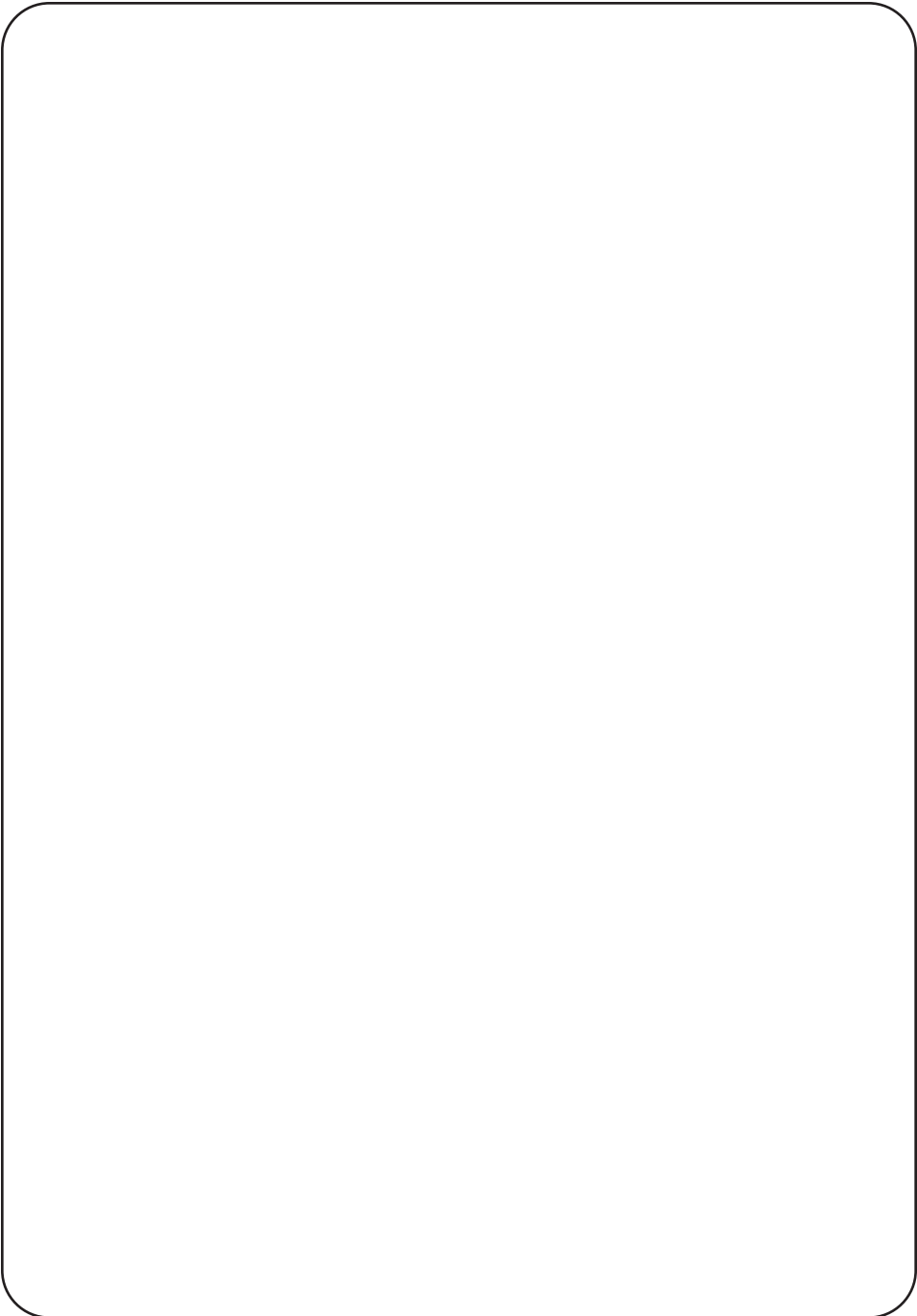
E-MAIL ADDRESS: _____

Charitable donations can be made to "CSI" by returning this card in an envelope with your check or money order to the address on the other side.

THANK YOU

Amount \$ _____

NOTES





www.svat.com

Disclaimer

SVAT does not endorse any of SVAT products for any illegal activities. SVAT is not responsible or liable in any way shape or form for any damage, vandalism, theft or any other action that may occur while a SVAT product is in use by the purchaser.



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